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OM protein - protein search, using SW model

Run on: January 16, 2003, 16:43:32 : Search time 5.14286 Seconds  
(without alignments)  
28 606 Million cell updates/sec

Title: US-09-856-070-25  
Perfect score: 24  
Sequence: 1 MLEPQ 5

Scoring table: BLOSUM62  
Gapop 10 0 Gapext 0 5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:\*

- 1: /cgn2\_6/prodata/2/1aa/5A\_COMPB.pep \*
- 2: /cgn2\_6/prodata/2/1aa/5H\_COMPB.pep \*
- 3: /cgn2\_6/prodata/2/1aa/6A\_COMPB.pep \*
- 4: /cgn2\_6/prodata/2/1aa/6B\_COMPB.pep \*
- 5: /cgn2\_6/prodata/2/1aa/6C\_COMPB.pep \*
- 6: /cgn2\_6/prodata/2/1aa/6A\_files1.pep \*

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	23	100.0	586	4	US-09-040-725A-1
2	21	91.3	185	4	US-08-858-207A-330
3	21	91.3	273	2	US-08-775-009-30
4	21	91.3	502	4	US-09-417-794-1
5	21	91.3	503	4	US-09-562-737-63
6	20	87.0	9	2	US-08-591-438-33
7	20	87.0	25	4	US-08-981-392-56
8	20	87.0	95	4	US-09-134-001C-3451
9	20	87.0	124	1	US-08-216-846-2
10	20	87.0	124	1	US-08-782-177-3
11	20	87.0	124	4	US-09-485-316A-9
12	20	87.0	240	1	US-08-053-205-11
13	20	87.0	240	1	US-08-593-674-11
14	20	87.0	242	1	US-08-278-091-8
15	20	87.0	242	1	US-08-483-859-8
16	20	87.0	242	1	US-08-472-173-8
17	20	87.0	242	2	US-08-482-167-8
18	20	87.0	242	2	US-08-482-815-8
19	20	87.0	242	2	US-08-297-146-8
20	20	87.0	242	2	US-08-861-499-8
21	20	87.0	242	2	US-08-978-404-45
22	20	87.0	242	2	US-08-615-271-8
23	20	87.0	242	3	US-09-074-660-8
24	20	87.0	242	3	US-09-074-659-8
25	20	87.0	242	4	US-09-106-468-8
26	20	87.0	242	4	US-09-106-466A-8
27	20	87.0	242	4	US-09-106-467-8

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28      20      87.0      243      4      US-08-944-483-70      Sequence 70, Appl
29      20      87.0      246      2      US-08-463-911-4      Sequence 4, Appl
30      20      87.0      252      1      US-08-512-205-9      Sequence 9, Appl
31      20      87.0      252      1      US-08-595-974-9      Sequence 9, Appl
32      20      87.0      283      1      US-08-658-469-2      Sequence 2, Appl
33      20      87.0      283      3      US-09-081-420-2      Sequence 2, Appl
34      20      87.0      306      1      US-08-317-522A-7      Sequence 7, Appl
35      20      87.0      306      1      US-08-439-819A-7      Sequence 7, Appl
36      20      87.0      306      2      US-08-751-065-7      Sequence 7, Appl
37      20      87.0      306      2      US-08-738-975-7      Sequence 7, Appl
38      20      87.0      306      2      US-08-728-526-7      Sequence 7, Appl
39      20      87.0      306      3      US-08-808-599A-7      Sequence 7, Appl
40      20      87.0      324      2      US-08-793-410-29      Sequence 29, Appl
41      20      87.0      328      2      US-08-793-410-6      Sequence 6, Appl
42      20      87.0      347      1      US-08-052-205-7      Sequence 7, Appl
43      20      87.0      347      1      US-08-595-974-7      Sequence 7, Appl
44      20      87.0      369      4      US-09-385-202A-14      Sequence 14, Appl
45      20      87.0      369      1      US-08-052-205-4      Sequence 4, Appl

```

#### ALIGNMENTS

```

RESULT 1
US-09-040-725A-1
: Sequence 1, Application US/09040725A
: Patent No. 6359584
: GENERAL INFORMATION:
: APPLICANT: Institut Curie
: APPLICANT: CNRS
: APPLICANT: Apple, Monique
: APPLICANT: Crepaldi, Tirtana
: APPLICANT: Gautreau, Alexis
: APPLICANT: Leclercq, Daniel
: TITLE OF INVENTION: Pharmaceutical composition containing ezrin mutated
: TITLE OF INVENTION: en tyrosine 353
: FILE REFERENCE: 391082000100
: CURRENT APPLICATION NUMBER: US/09/040,725A
: CURRENT FILING DATE: 1998-03-18
: NUMBER OF SEQ ID NOS: 4
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 1
: LENGTH: 586
: TYPE: PRT
: ORGANISM: Homo sapiens
US-09-040-725A-1

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Query Match      100.0%, Score 23, DB 4, Length 586;
Best local Similarity 100.0%, Pred. No. 2.5e+02;
Matches 5, Conservative 0, Mismatches 0, Indels 0, Gaps 0;

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Ct      1 MLEPQ 5
Db      348 MLEPQ 352

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RESULT 2
US-08-938-207A-339
: Sequence 330, Application US/080858207A
: Patent No. 6348328
: GENERAL INFORMATION:
: APPLICANT: Black, Michael
: APPLICANT: Hodgson, John
: APPLICANT: Knowles, David
: APPLICANT: Nicholas, Richard
: APPLICANT: Stodola, Robert
: TITLE OF INVENTION: No. 6348328ei Compounds
: NUMBER OF SEQUENCES: 552
: REFERENCE ADDRESS:
: ADDRESSEE: SmithKline Beecham Corporation
: STREET: 709 Swedeland Road
: CITY: King of Prussia
: STATE: PA

```

```

? COUNTRY: USA
? ZIP: 19406 0939
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Diskette
? COMPUTER: IBM Compatible
? OPERATING SYSTEM: DOS
? SOFTWARE: FASTSEQ for Windows Version 2.0
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/858-207A
? FILING DATE: 09-MAY-1997
? CLASSIFICATION: 435
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: 60/017470
? FILING DATE: 14-MAY-1996
? ATTORNEY/AGENT INFORMATION:
? NAME: Gimmi, Edward R
? REGISTRATION NUMBER: 48,891
? REFERENCE/DOCKET NUMBER: P50475
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 610-270-4478
? TELEFAX: 610-270-5090
? TELEX:
? INFORMATION FOR SEQ ID NO: 430:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 186 amino acids
? TYPE: amino acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: No. 634832Re
? US 08-858-207A-440

Query Match 91.3% Score 21; DB 4; Length 186;
Best Local Similarity 80.0%; Pred. No. 2.6e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
DB 181 MLRLQ 185
|||||

RESULT 3
US 08-775-009-40
? Sequence 30: Application US/08/775-009
? Patent No. 5935783
? GENERAL INFORMATION:
? APPLICANT: Gong, Weilong
? APPLICANT: Emanuel, Beverly S.
? APPLICANT: Budarf, Marcia L.
? APPLICANT: Rao, Bruce
? TITLE OF INVENTION: No. 5935783el Genes Mapping in the Digeorge and
? TITLE OF INVENTION: Valicardiolaclal Syndrome Minimal Critical Region
? NUMBER OF SEQUENCES: 45
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
? ADDRESSEE: No. 5935783is, LLP
? STREET: One Liberty Place - 46th Floor
? CITY: Philadelphia
? STATE: PA
? COUNTRY: U.S.A.
? ZIP: 19104
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC Compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent in Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/775-009
? FILING DATE: 27-DEC-1996
? CLASSIFICATION: 435
? ATTORNEY/AGENT INFORMATION:
? NAME: Trujillo, Doreen Yalko
? REGISTRATION NUMBER: 45,719
? REFERENCE/DOCKET NUMBER: CR-0681

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? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (215) 568-3100
? TELEFAX: (215) 568-3439
? INFORMATION FOR SEQ ID NO: 30:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 273 amino acids
? TYPE: amino acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: protein
? US-08-775-009-30

Query Match 91.3% Score 21; DB 2; Length 273;
Best Local Similarity 80.0%; Pred. No. 3.7e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
DB 224 MLRLQ 228
|||||

RESULT 4
US-09-417-704-1
? Sequence 1: Application US/09/417704
? Patent No. 6444874
? GENERAL INFORMATION:
? APPLICANT: Duvick, John
? APPLICANT: Gilliam, Jacob
? TITLE OF INVENTION: A Hydroperoxide Lyase Gene from Maize and Methods of
? TITLE OF INVENTION: Use
? FILE REFERENCE: Maize hydroperoxide lyase (HPL)
? CURRENT APPLICATION NUMBER: US/09/417.704
? CURRENT FILING DATE: 1999-10-13
? NUMBER OF SEQ ID NOS: 2
? SOFTWARE: PatentIn Ver. 2.0
? SEQ ID NO: 1
? LENGTH: 502
? TYPE: PRT
? ORGANISM: Zea mays
? FEATURE:
? NAME/KEY: HELIX
? LOCATION: (304)
? OTHER INFORMATION: l-helix: Forms Oxygen Binding pocket
? FEATURE:
? OTHER INFORMATION: (356)...(359) Highly-conserved in P450's (ETLR)
? FEATURE:
? OTHER INFORMATION: (402)...(413) Highly conserved in P450's (KDP XXXX)
? FEATURE:
? NAME/KEY: BINDING
? LOCATION: (448)
? OTHER INFORMATION: Heme-binding site
? US-09-417-704-1

Query Match 91.3% Score 21; DB 4; Length 502;
Best Local Similarity 80.0%; Pred. No. 6.8e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
DB 357 MLRLQ 361
|||||

RESULT 5
US-09-562-737-63
? Sequence 63: Application US/09/562737
? Patent No. 6428967
? GENERAL INFORMATION:
? APPLICANT: Herz, Joachim
? APPLICANT: Gotthardt, Michael
? TITLE OF INVENTION: LDL Receptor Signaling Pathways
? FILE REFERENCE: UTSW0708
? CURRENT APPLICATION NUMBER: US/09/562.737

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: CURRENT FILING DATE: 2000-05-01  
 : NUMBER OF SEQ ID NOS: 132  
 : SOFTWARE: Patent In Ver. 2.1  
 : SEQ ID NO 43  
 : LENGTH: 503  
 : TYPE: PRT  
 : ORGANISM: Artificial Sequence  
 : FEATURE:  
 : OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 : OTHER INFORMATION: Sequence  
 US-09-562-737-63

Query Match 91.3%; Score 21; DB 4; Length 503;  
 Best Local Similarity 80.0%; Pred. No. 6.8e-02;  
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRIQ 5  
 :|||||  
 Db 101 MLRMQ 105

RESULT 6  
 : Sequence 33, Application US/08591438  
 : Patent No. 5939063  
 : GENERAL INFORMATION:  
 : APPLICANT: Vadas, Mathew A.  
 : APPLICANT: Lopez, Angel F.  
 : APPLICANT: Shannon, Mary F.  
 : TITLE OF INVENTION: HAEMOPHILIC GROWTH FACTOR ANTAGONISTS  
 : NUMBER OF SEQUENCES: 47  
 : CORRESPONDENCE ADDRESS:  
 : ADDRESSEE: Scully, Scott, Murphy & Presser  
 : STREET: 400 Garden City Plaza  
 : CITY: Garden City  
 : STATE: New York  
 : COUNTRY: USA  
 : ZIP: 11530  
 : COMPUTER READABLE FORM:  
 : MEDIUM TYPE: Floppy disk  
 : COMPUTER: IBM PC compatible  
 : OPERATING SYSTEM: pc-pos/ms-pos  
 : SOFTWARE: Patent In Release #1 0, Version #1 30  
 : CURRENT APPLICATION DATA:  
 : APPLICATION NUMBER: US/08/591,438  
 : FILING DATE: 08-APR-1996  
 : CLASSIFICATION: 530  
 : ATTORNEY/AGENT INFORMATION:  
 : NAME: Digiglio Esq., Frank S.  
 : REGISTRATION NUMBER: 31,346  
 : REFERENCE/DOCKET NUMBER: 9972  
 : TELEPHONE: (516) 742-4343  
 : TELEFAX: (516) 742-4366  
 : TELEX: 230 901 SANS UR  
 : INFORMATION FOR SEQ ID NO: 33:  
 : SEQUENCE CHARACTERISTICS:  
 : LENGTH: 9 amino acids  
 : TYPE: amino acid  
 : STRANDEDNESS: single  
 : TOPOLOGY: linear  
 : MOLECULE TYPE: polypeptide  
 US-08-591-438-33

Query Match 87.0%; Score 20; DB 2; Length 9;  
 Best Local Similarity 80.0%; Pred. No. 1.9e-05;  
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRIQ 5  
 :|||||  
 Db 2 MLRIQ 6

RESULT 7  
 : Sequence 56, Application US/08981392  
 : Patent No. 6262025  
 : GENERAL INFORMATION:  
 : APPLICANT: Ish-Horowicz, David  
 : APPLICANT: Henrique, Domingos Manuel Pinto  
 : APPLICANT: Lewis, Julian Hart  
 : APPLICANT: Artavanis-Tsakonas, Spyridon  
 : APPLICANT: Gray, Grace  
 : TITLE OF INVENTION: NUCLEOTIDE AND PROTEIN SEQUENCES  
 : TITLE OF INVENTION: OF VERTEBRATE DELTA GENES AND METHODS BASED THEREON  
 : NUMBER OF SEQUENCES: 94  
 : CORRESPONDENCE ADDRESS:  
 : ADDRESSEE: Pennie & Edmonds LLP  
 : STREET: 1155 Avenue of the Americas  
 : CITY: New York  
 : STATE: NY  
 : COUNTRY: USA  
 : ZIP: 10036/2711  
 : COMPUTER READABLE FORM:  
 : MEDIUM TYPE: Diskette  
 : COMPUTER: IBM Compatible  
 : OPERATING SYSTEM: DOS  
 : SOFTWARE: FastSeq Version 2.0  
 : CURRENT APPLICATION DATA:  
 : APPLICATION NUMBER: US/08/981,392  
 : FILING DATE: 22-DEC-1997  
 : CLASSIFICATION: 514  
 : ATTORNEY/AGENT INFORMATION:  
 : NAME: Adler, Adriane M.  
 : REGISTRATION NUMBER: 32,605  
 : REFERENCE/DOCKET NUMBER: 7326-038  
 : TELECOMMUNICATION INFORMATION:  
 : TELEPHONE: 212-790-9090  
 : TELEFAX: 212-869-8864  
 : TELEX: 66141 PENNIE  
 : INFORMATION FOR SEQ ID NO: 56:  
 : SEQUENCE CHARACTERISTICS:  
 : LENGTH: 25 amino acids  
 : TYPE: amino acid  
 : STRANDEDNESS:  
 : TOPOLOGY: unknown  
 : MOLECULE TYPE: peptide  
 US-08-981-392-56

Query Match 87.0%; Score 20; DB 4; Length 25;  
 Best Local Similarity 80.0%; Pred. No. 65;  
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRIQ 5  
 :|||||  
 Db 20 MLRIQ 24

RESULT 8  
 : Sequence 3451, Application US/09134001C  
 : Patent No. 6380370  
 : GENERAL INFORMATION:  
 : APPLICANT: Lynn Doucette-Stamm et al  
 : TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS  
 : TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS  
 : FILE REFERENCE: GTC-007  
 : CURRENT APPLICATION NUMBER: US/09/134,001C  
 : CURRENT FILING DATE: 1998-08-13  
 : PRIORITY APPLICATION NUMBER: US 60/064,964  
 : PRIORITY FILING DATE: 1997-11-08  
 : PRIORITY APPLICATION NUMBER: US 60/055,779  
 : PRIORITY FILING DATE: 1997-08-14  
 : NUMBER OF SEQ ID NOS: 5674  
 : SEQ ID NO 3451  
 : LENGTH: 95

TYPE: PRT  
ORGANISM: Staphylococcus epidermidis  
US 09-134-001C-3451

Query Match 87.0% Score 20; DB 4; Length 95;  
Best Local Similarity 80.0% Pred. No. 2.4e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5  
DB 78 MLRLQ 82

RESULT 9  
US-08-216-846-2  
Sequence 2, Application US/08216846  
Patent No. 5444046  
GENERAL INFORMATION:  
APPLICANT: MIYAZAKI, TOSHIYUKI  
APPLICANT: MORIMOTO, TOSHIHISA  
APPLICANT: MURAYAMA, RYUJI  
APPLICANT: MATSUBARA, HIROSHI  
TITLE OF INVENTION: AMYLASE INHIBITORS  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: P.C.  
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: U.S.A.  
ZIP: 22202

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/216.846  
FILING DATE: 24-MAR-1994  
CLASSIFICATION: 530

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 91881/1993  
FILING DATE: 29-MAR-1993

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 148423/1993  
FILING DATE: 28-MAY-1993

ATTORNEY/AGENT INFORMATION:  
NAME: OBLON, NO. 5444046man F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 1327-029-0X

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220

INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 124 amino acids

TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein

US-08-216-846-2

Query Match 87.0% Score 20; DB 1; Length 124;  
Best Local Similarity 80.0% Pred. No. 3.3e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5  
DB 23 LLRLQ 27

RESULT 10

US-08-782-177-3  
Sequence 3, Application US/08782177  
Patent No. 5789380  
GENERAL INFORMATION:  
APPLICANT: MIYAZAKI, TOSHIYUKI  
APPLICANT: MORIMOTO, TOSHIHISA  
APPLICANT: MURAYAMA, RYUJI  
APPLICANT: TAKASE, SACHIKO  
APPLICANT: GODA, TOSHINAO  
TITLE OF INVENTION: AGENTS FOR INHIBITING ACCUMULATION OF  
TITLE OF INVENTION: VISCERAL FAT  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400  
CITY: ARLINGTON  
STATE: VA  
COUNTRY: USA  
ZIP: 22202

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/782.177  
FILING DATE: 14-JAN-1997  
CLASSIFICATION: 530

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 23445/1996  
FILING DATE: 18-JAN-1996

ATTORNEY/AGENT INFORMATION:  
NAME: OBLON, NORMAN F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 1327-055-0X

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-413-3000  
TELEFAX: 703-413-2220

INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 124 amino acids

TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-782-177-3

Query Match 87.0% Score 20; DB 1; Length 124;  
Best Local Similarity 80.0% Pred. No. 3.1e+02;  
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5  
DB 23 LLRLQ 27

RESULT 11  
US-09-485-316A-9  
Sequence 9, Application US/09485316A  
Patent No. 6344441  
GENERAL INFORMATION:  
APPLICANT: Bihain, Bernard  
APPLICANT: Bonqueleret, Lydie  
APPLICANT: Yen-Polin, Frances  
TITLE OF INVENTION: lipoprotein-regulating medicaments  
FILE REFERENCE: GENSET 036APC  
CURRENT APPLICATION NUMBER: US/09/485.316A  
CURRENT FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: FR 97/10088  
PRIOR FILING DATE: 1997-08-06  
PRIOR APPLICATION NUMBER: FR 98/05032  
PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: PCT 098/01256  
 PRIOR FILING DATE: 1998-09-06  
 NUMBER OF SEQ ID NOS: 14  
 SOFTWARE: Patent.pm  
 SEQ ID NO 9  
 LENGTH: 124  
 TYPE: PRI  
 ORGANISM: Homo sapiens  
 FEATURE:  
 NAME/KEY: SIMILAR  
 LOCATION: 1..124  
 OTHER INFORMATION: Fragment 121...244 of rat swissprot P02745  
 US-09-485-316A-9

Query Match 87.0% Score 20; DB 4; Length 124;  
 Best Local Similarity 80.0% Pred. No. 5.7e-02;  
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5  
 Db 87 MLRLQ 91

RESULT 12  
 US-08-052-205-11  
 ; Sequence 11, Application US/08052205  
 ; Patent No. 5510259  
 ; GENERAL INFORMATION:  
 ; APPLICANT: SUGAMURA, KAZUO  
 ; APPLICANT: TAKESHITA, TOSHIKAZU  
 ; APPLICANT: ASAO, HIROHARU  
 ; APPLICANT: NAKAMURA, MASATAKA  
 ; APPLICANT: SHIMAMURA, TOSHIRO  
 ; APPLICANT: SUZUKI, MANABU  
 ; APPLICANT: HAMURO, JUNJI  
 ; TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE  
 ; NUMBER OF SEQUENCES: 21  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MATER & NEUSTADT,  
 ; ADDRESSEE: P.C.  
 ; STREET: 1755 S. Jefferson Davis Highway, Suite 400  
 ; CITY: Arlington  
 ; STATE: Virginia  
 ; COUNTRY: U.S.A.  
 ; ZIP: 22202  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/052,205  
 ; FILING DATE: 19930422  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: JP 104947/1992  
 ; FILING DATE: 23-APR-1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Oblon, No. 5510259man F.  
 ; REGISTRATION NUMBER: 24,618  
 ; REFERENCE/DOCKET NUMBER: 10-615-0X  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (703) 413-3000  
 ; TELEFAX: 248855 OPAT UR  
 ; INFORMATION FOR SEQ ID NO: 11:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 230 amino acids  
 ; TYPE: AMINO ACID  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-08-052-205-11

Query Match 87.0% Score 20; DB 1; Length 230;  
 Best Local Similarity 80.0% Pred. No. 5.7e-02;  
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5  
 Db 123 MLRLQ 127

RESULT 13  
 US-08-595-974-11  
 ; Sequence 11, Application US/080595974  
 ; Patent No. 5705608  
 ; GENERAL INFORMATION:  
 ; APPLICANT: SUGAMURA, KAZUO  
 ; APPLICANT: TAKESHITA, TOSHIKAZU  
 ; APPLICANT: ASAO, HIROHARU  
 ; APPLICANT: NAKAMURA, MASATAKA  
 ; APPLICANT: SHIMAMURA, TOSHIRO  
 ; APPLICANT: SUZUKI, MANABU  
 ; APPLICANT: HAMURO, JUNJI  
 ; TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE  
 ; NUMBER OF SEQUENCES: 21  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MATER & NEUSTADT,  
 ; ADDRESSEE: P.C.  
 ; STREET: 1755 S. Jefferson Davis Highway, Suite 400  
 ; CITY: Arlington  
 ; STATE: Virginia  
 ; COUNTRY: U.S.A.  
 ; ZIP: 22202  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/595,974  
 ; FILING DATE: 06-FEB-1996  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/052,205  
 ; FILING DATE: 22-APR-1993  
 ; APPLICATION NUMBER: JP 104947/1992  
 ; FILING DATE: 23 Apr 1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Oblon, No. 5705608man F.  
 ; REGISTRATION NUMBER: 24,618  
 ; REFERENCE/DOCKET NUMBER: 10-615-0X  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (703) 413-3000  
 ; TELEFAX: (703) 413 2220  
 ; INFORMATION FOR SEQ ID NO: 11:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 230 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; US-08-595-974-11

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 Best Local Similarity 80.0% Pred. No. 5.7e-02;  
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5  
 Db 123 MLRLQ 127

RESULT 14  
 US-08-278-091-8  
 ; Sequence 8, Application US/08278091

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? Patent No. 5506149
? GENERAL INFORMATION:
? APPLICANT: LOUSMORE, Sheena M
? APPLICANT: YANG, Yan-Ping
? APPLICANT: CHONG, Pele
? APPLICANT: GOMEN, Raymond P.
? APPLICANT: KLEIN, Michael H.
? TITLE OF INVENTION: Analog of Haemophilus Hln47 protein with
? TITLE OF INVENTION: Reduced Protease Activity
? NUMBER OF SEQUENCES: 23
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Sim & McBurney
? STREET: Suite 701, 330 University Avenue
? CITY: Toronto
? STATE: Ontario
? COUNTRY: Canada
? ZIP: M5G 1K7
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent in Release #1.0, Version #1.25
? CURRENT APPLICATION NUMBER: US/08/278,091
? FILING DATE: 21-JUL-1994
? CLASSIFICATION: 435
? ATTORNEY/AGENT INFORMATION:
? NAME: Stewart, Michael I.
? REGISTRATION NUMBER: 24,973
? REFERENCE/DOCKET NUMBER: 1038-371
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (416) 595-1155
? TELEFAX: (416) 595-1163
? INFORMATION FOR SEQ ID NO: 8:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 232 amino acids
? TYPE: amino acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? US-08-278-091-8

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Query Match      87.0%; Score 20; DB 1; Length 232;
Best Local Similarity 80.0%; Pred. No. 5.7e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MLRLQ 5
DB 92 LLRLQ 96

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RESULT 15
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? Sequence 8, Application US/08483859
? Patent No. 5656436
? GENERAL INFORMATION:
? APPLICANT: LOUSMORE, Sheena M.
? APPLICANT: YANG, Yan-Ping
? APPLICANT: CHONG, Pele
? APPLICANT: GOMEN, Raymond P.
? APPLICANT: KLEIN, Michael H.
? TITLE OF INVENTION: Analog of Haemophilus Hln47 protein with
? TITLE OF INVENTION: Reduced Protease Activity
? NUMBER OF SEQUENCES: 23
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Sim & McBurney
? STREET: Suite 701, 330 University Avenue
? CITY: Toronto
? STATE: Ontario
? COUNTRY: Canada
? ZIP: M5G 1K7
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible

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? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent in Release #1.0, Version #1.25
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/483,859
? FILING DATE: 07-JUN-1995
? CLASSIFICATION: 435
? PRIOR APPLICATION NUMBER:
? APPLICATION NUMBER: US 08/296,149
? FILING DATE: 26-AUG-1994
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 08/278,091
? FILING DATE: 21-JUL-1994
? ATTORNEY/AGENT INFORMATION:
? NAME: Stewart, Michael I.
? REGISTRATION NUMBER: 24,973
? REFERENCE/DOCKET NUMBER: 1038-495 MIS:vq
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (416) 595-1155
? TELEFAX: (416) 595-1163
? INFORMATION FOR SEQ ID NO: 8:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 232 amino acids
? TYPE: amino acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? US-08-483-859-8

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Query Match      87.0%; Score 20; DB 1; Length 232;
Best Local Similarity 80.0%; Pred. No. 5.7e+02;
Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MLRLQ 5
DB 92 LLRLQ 96

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Search completed: January 16, 2003, 16:59:14
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